

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WG2XUO

(Call Sign)

XT MO

(Class of Station)

0100-EX-PL-2013

(File Number)

NAME General Dynamics C4 Systems

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Scottsdale, AZ, within 20 km, centered around NL 33-27-34; WL 111-54-15
- (2) MOBILE: Cave Creek, AZ, within 30 km, centered around NL 33-44-29; WL 111-48-31

Frequency Information

MOBILE: Scottsdale, AZ, within 20 km, centered around NL 33-27-34; WL 111-54-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-424.75 MHz	MO	3M00G7D	50 W (ERP)	0.00015 %
445.75-450 MHz	MO	3M00G7D	50 W (ERP)	0.00015 %
1370-1390 MHz	MO	5M00G7D 10M0G7D	25 W (ERP)	0.00015 %
1390-1400 MHz	MO	5M00G7D	50 W (ERP)	0.00015 %

This authorization effective January 06, 2014 and
will expire 3:00 A.M. EST August 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Scottsdale, AZ, within 20 km, centered around NL 33-27-34; WL 111-54-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1395 MHz	MO	10M0G7D	50 W (ERP)	0.00015 %
1755-1850 MHz	MO	5M00G7D 10M0G7D	50 W (ERP)	0.00015 %

MOBILE: Cave Creek, AZ, within 30 km, centered around NL 33-44-29; WL 111-48-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-424.75 MHz	MO	3M00G7D	50 W (ERP)	0.00015 %
445.75-450 MHz	MO	3M00G7D	50 W (ERP)	0.00015 %
1370-1390 MHz	MO	5M00G7D 10M0G7D	25 W (ERP)	0.00015 %
1390-1400 MHz	MO	5M00G7D	50 W (ERP)	0.00015 %
1395 MHz	MO	10M0G7D	50 W (ERP)	0.00015 %
1755-1850 MHz	MO	5M00G7D 10M0G7D	50 W (ERP)	0.00015 %

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Western Coordinator, Los Angeles, CA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Western Coordinator, Los Angeles, CA, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.